Reference to last Measurement 8

1st & final bill

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192315

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work:- Development of park & chain link fencing at Sriyapura paradise in Ward No 11 Work Code No:- 011-14-000047 Estimated Cost Rs. 10.00 Lakh Work order No:- EE/BOP/BBMP/E-PMT/512/13-14 Dt. 24/2/14 Name of Agency:- N.N. Srinivasachar #2405, E Block. Sahakaranagar.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation in ordinary soil for leveling & lowering the ground manually (other than foundation & Buildings, culvert, road drain & trenches & pipeline & cables) & Removing the excavated stuff to distance not exceeding 50m & lift upto 1.5m, excavated surface leveled & neatly dressed, disposed earth to be leveled after breaking of clods & neatly dressed etc. complete as per specifications.						
	leveling parts at Singapore paradise	1	28.00	17.70	0.30	= 148.68	
		1	15.00	14.00	0.30	= 63.00	
							CRC

Serial
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1
2)

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192316

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Total Qty limited to Qty 125.00			211.68 cu.m 210.00 cu.m Qty. 26250=00	
	2) Earth work excavation by Manual Means in Hard soil in voluing and average horizontal throw upto 2mtrs & an average lift up to 0.5m.						

Reference to last Measurement 8

for leveling foundation pipeline to distur excavated earth earthy

etc

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	excavated surface leveled & sides neatly dressed the disposed earth to be leveled neatly after breeding of clods etc. Complete as per specifications Foundation of chain link						
		1	21.70	0.90	0.70	13.73	
		1	17.65	0.90	0.60	9.58	
		1	28.00	0.90	0.70	17.78	
		1	16.00	0.90	0.75	10.15	
				Total Qty		50.95 cu.m	
						49.50 cu.m	
						4452681.00	
						Rs 4455.00	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192317

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	providing & laying in position plain cement concrete of Mix M 7.5 with OPC Cement @ 180 kg with 40mm & down size graded granite metal coarse aggregates @ 0.85 Cum & fine aggregates @ 0.57 Cum Machine Mixed Concrete laid in layers not exceeding 15 cms thick, well compacted in Foundation & plinth, including Cost of all Materials, labour, Hoom & Mailing						

Reference to last Measurement 8

checked after verification

Lyth 3018

3" Lyth 2681-00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Curing etc. Complete as per Specifications						
		1	x 21.70	x 0.90	x 0.15	= 2.93	
		1	x 17.65	x 0.90	x 0.15	= 2.38	
		1	x 28.00	x 0.90	x 0.15	= 3.78	
		1	x 16.00	x 0.90	x 0.15	= 2.16	
						11.25 Sqm	
						Rate Rs. 3.18	
						Total Qty	
						Rs. 52681.00	
						Say 4290.00	
4)	providing & laying granite/stone/brick						

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192318

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Reference to last Measurement 8	Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
			Number 3	Length 4	Breadth 5	Depth 6		
		Rise Stone Masonry in Foundation with Cement Mortar 1:6 Stone hammered dressed in courses not less than 20 cm high bond stone at two m, apart in each course including cost of Materials labour, Carriage etc. Complete as per Specification.						
			1	21.70	0.75	0.60 = 9.77		
			1	17.65	0.75	0.60 = 7.94		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	28.00	0.75	0.60	12.60	
		1	16.00	0.75	0.60	7.20	
						37.51 m3	
			Total Qty				
			Limited To			37.15 m3	
			@ Rs. 3549.00			Rs. 131774.00	

5) providing & Constructing granite/trap/basalt size stone Masonry in Basement with Cement Mortar lib edges & stone chipple dressed in Courses not less than 15cm ~~thick~~ high bond

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192319

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Stones at two m, apart in each course including cost of materials, labour, curing etc. Complete as per Specifications						
		1	× 21.70	× 0.45	× 0.60 =	5.86	
		1	× 17.65	× 0.45	× 0.60 =	4.77	
		1	× 28.00	× 0.45	× 0.60 =	7.56	
		1	× 16.00	× 0.45	× 0.60 =	4.32	

C/F 23.18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total Qty		22.50 M3	
				Limited to		22.28 M3	
				Rs 4227.00		Rs. 94178.00	
				Lump		Rd	
	6) providing & laying in position plain cement Concrete & Mix M10 with OPC Cement @ 220kgs/M3 20mm & down Size graded granite Metal Coarse aggregate @ 0.84 Cum & Fine aggregate @ 0.56 Cum Machine Mixed Concrete laid in layers not exceeding 15Cms thick well compacted in Foundation, plinth & Cills including Cost of all Materials, labour						

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M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192320

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Hon of Masonry Curing etc Complete as per Specifications. For Coping						
		1	x 21.70	x 0.45	x 0.12	= 1.17	
		1	x 17.65	x 0.45	x 0.12	= 0.95	
		1	x 28.00	x 0.45	x 0.12	= 1.51	
		1	x 16.00	x 0.45	x 0.12	= 0.86	
				Total Qty		4.50 m³	
						Kg. 21267.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) providing flush pointing to Square rubble, Coursed or Uncoursed stone Masonry with Cem-Mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining including cost of Materials labour, Cleaning etc Complete as per Specifications						
		2	21.70	—	0.60	26.04	
		2	17.65	—	0.60	21.18	
		2	28.00	—	0.60	33.60	
		2	16.00	—	0.60	19.20	
			Total Qty			100.02 Cum	

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M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192321

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			limited to 99.00			99.00 m²	
			Ng, 99.00			Ng, 7821.00	
					3.0 ft.		
	8) Construction of embankment with approved Material gravel Murram with all lifts Already transporting to site Spreading, grading to required slope & Compacting to Meet requirement table 300-2 (which includes cost of gravel/Murram						

Reference to last Measurement 8

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Watering charges & Compaction by Vibratory roller etc complete as per Specifications						
	premeasurement Qty vide page no 192381						
	Total Qty					140.25 cum	
	Deduct					140.00 cum	
	Qty 166.00 (8 Ft)					Rs. 2324200	
	30/8/14						
9)	Supplying & Fixing MS Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together & Fixed in CC (1:2:4) with 2 No of 16mm						

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M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192322

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	dig M.S. Hold fast rods each of length 2 mtr. including cost of all Materials Cutting bending Scaffolding wherever necessary, nicely finishing the welded joints with all lead & labour & including providing 2 Coats of approved quality paint over one coat of shop painting (including cost of earth work & Concrete) etc. Complete as per Specification						

Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		10	× 2.10	—	—	= 21.00	
		8	× 2.10	—	—	= 16.80	
		13	× 2.10	—	—	= 27.30	
		15	× 2.10	—	—	= 31.50	
				TOTAL QTY		96.60 Mtrs	
				@ Rs 1098.00		Rs. 106067.20	
10)	providing & fixing M.S Black pipe of 38 MM dia of heavy gauge of 14 including removing of bends cutting the pipe & fixing pipe in between the two Vertical poles (M.S Rectangular poles)						

CLR P3.6

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192323

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Reference to last Measurement 8	Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
			Number 3	Length 4	Breadth 5	Depth 6		
		Spot welding the chain link with MS Bracket pipe including cost of all Materials wastage in cutting & Scaffolding & Repairs Necessary with all lead & light including two coats of approved quality paint over one coat of shop paint etc complete as per specification						
			3	21.70	-	-	= 65.10	
			3	17.65	-	-	= 52.95	
			3	28.00	-	-	= 84.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		3	25.00	—	—	= 75.00	
		3	18.00	—	—	= 54.00	
					Total	= 331.05 sqm	
					Limited to	330.00 Nos	
					@ 299.00	Rs. 98670.00	

11) providing chain link fencing 50mm size of 8 gauge properly stretched between rectangular poles & fixed with suitable bolts & nuts, the free

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192324

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ends shall be welded to the poles & block pipe at top & bottom as required including cost of Materials, labour, lead & lifts, Cutting, bending where ever necessary, wastages & lapping etc. including two coats of approved quality paint over one coat of shop paint etc complete as per specifications						
		1	21.70	-	1.80	= 39.06	
		1	17.65	-	1.80	= 31.77	

Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	× 28.00	× —	× 1.80	= 50.40	
		1	× 25.00	—	× 1.80	= 45.00	
						166.25 M²	
				Total Qty			
				Limited To		165.00 M²	
				@ N 650.00		N. 107250.00	
						30/8.	
	Sand filling in foundation trenches as per Bill of specifications etc.						
	At Ward office	1	× 30.00	× 2.00	× 0.05	= 3.00	
		1	× 30.00	× 2.00	× 0.05	= 3.00	

Corrected
30/8/2014

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13)

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192325

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Total qty			6.00 m³	
			dy 2098.00			ly 12588.00	
	(B) providing & laying heavy duty Cobble Stone 60mm thick in Herbal paving, with Cement & Coarse Sand for Manufacturer of blocks of approved size Shape & Colour with a Minimum Compressive strength of 281 kgf per Sqm over 50mm thick Sand bed				30		

Reference to last Measurement 8

4²

4²

07250.00

or MORTH

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(Average thickness) & Compacting with plate vibrator having 3 tonne Capacity twice thereby forcing part of sand Underneath to Cover up in between joints, final Compaction of paver surface finish in to its final level, including Cost of Materials labour, Curing etc Complete as per Specifications.						
		1 @ 30.00	x 2.00	=	60.00		
		1 @ 30.00	x 2.00	=	60.00		
				TOTAL		120.00 Sqm	
				M. 848.00		Rs. 101760.00	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192326

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14)	providing & fixing pre cast solid cement concrete kerb stone made out of CC 1:2:4 with top & bottom width 114 & 165 mm respectively, 400 mm high & 450 mm in length finished with CM 1:3 plastering & finishing curing including form work curing including cost of all Materials labour hire charges & Machine, loading, unloading, lead & lift transportation etc. complete as per specifications						

Reference to last Measurement 8

Vibrator forcing between each joints - 400 hrs - 10176=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wood Work	2 × 30.00	=	60 / 0.45	=	133	
		4 × 30.00	=	120 / 0.45	=	267	
					Total	2400.00 Nos	
						Kg 10220000	
						Kg 285.50	
						3.18	
18	Applying priming coat over new wood surface or wood based surface preparing the surface after throughly cleaning oil, grease, dirt & foreign matter & preparing & knotting ready						

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192327

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Mix point including cost of Materials labour etc. complete as per Specifications.						
		2	30.00	—	x 0.35	= 21.00	
		2	30.00	—	x 0.35	= 21.00	
						42.00 Mtr	
					Total.	32.90 Mtr²	
					Limited to		
					Mtr. 30.00	Mtr. 1890-00	

Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16)	providing & applying painting two coats (exclusive painting coat) on new wood surface of wood based surface with enamell paint to give an even shade, cleaning the surface of all dirt & foreign matter, sand papering including cost of Materials labour etc Complete as per Specifications						
	Qty wide Item No 15						
	Total Qty					32.90 Sq.M	CTR 7
	Rate 80.90					Rs. 2661.61	
	Total					Rs. 8971 88=00	

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M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192328

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Reference to last Measurement 8	Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
			Number 3	Length 4	Breadth 5	Depth 6		
eachedy r wood e an eum Rreefn g Matech		Certificate: Sanitisfactory	certified that the above work done & Material Issued From department		CTC 30/8/14		30/8/14	
CTC 2661.81 7188=00								

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sketch showing the location of the work done spot						
	Gate 21.70m 17.65m Singapura pavadiyil Pond 28.00m					chain link fencing	
	30/8/14					30/8/14	

ntents	Reference to last Measurement
7	8

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192380

Serial No. Name Agency :- N.V. Srinivasarao.

Name of work. providing chain link Fencing & Blasting Rock, levelling & Filling at kuvvapunagar 1st stage Burial ground in ward No. 11 (Changed place approved to Singapuram Burial ground.

Name of Contractor of nature of Agency

Date of commencement of work. From To

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	premeasurement						
	8) Construction of embankment with approved Material gravel / murrum etc.						
	For leveling Burial ground at Singapuram	1	30.00	30.00	0.30 =	270.00	
		1	30.00	15.00	0.30 =	135.00	
		1	30.00	8.00	0.30 =	72.00	
		1	30.00	5.00	0.30 =	45.00	

(ETC)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 @	30.00	18.50	0.30	166.50	
		1 @	30.00	15.00	0.30	135.00	
		1 @	25.00	25.00	0.30	287.50	
		1 @	27.00	18.00	0.30	145.80	
						1156.80 Kg	
		Total Qty					
		1 MT					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	18.50	0.30	166.50	
		1	30.00	15.00	0.30	135.00	
		1	25.00	25.00	0.30	287.50	
		1	27.00	18.00	0.30	145.80	
						1156.80 Kg	
		Total Qty					
		L.S.F.					

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192381

Serial No.....

Name of work... Development of parklet chain link Fencing at Singapore paradise in Ward No. (1 From..... To.....

Name of Contractor of nature of Agency.....

Date of commencement of work..... N.A. Srinivasulu

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	pre measurement						
	8) Construction of embankment with approved Material gravel / murrum etc.						
	For leveling Singapore paradise paradise	1	27.50	17.00	0.30	= 140.25	cum

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tents	Reference to last Measurement
7	8

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192380

Serial No. Name Agency :- N.V. Srinivasarao.

Name of work providing chain link Fencing & Blasting Rock, levelling & Filling at Kuvapunagar 1st stage Burial ground in Ward No. 11 (Changed place approved to Singapura Burial ground.

Name of Contractor of nature of Agency

Date of commencement of work From To

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	premeasurement						
8)	Construction of embankment with approved Material gravel / murrum etc.						
	For leveling Burial ground at Singapura	1	30.00	30.00	0.30	270.00	
		1	30.00	15.00	0.30	135.00	
		1	30.00	8.00	0.30	72.00	
		1	30.00	5.00	0.30	45.00	
							Etc.